

7/17/01  
CIRRUS DOCKET NO. 1111-CA

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Axel Thomsen et al.

#10

For: TECHNIQUES FOR SIGNAL MEASUREMENT USING A CONDITIONALLY STABLE  
AMPLIFIER


Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

CERTIFICATE OF MAILING

I hereby certify that this correspondence (Recordation Cover Sheet, Assignment, Check for \$40.00, and Acknowledgment Postcard) is being deposited with the United States Postal Service with sufficient postage under 37 C.F.R. §1.8 on the date indicated below and is addressed to:

Assistant Commissioner of Patents  
Washington, D.C. 20231

  
\_\_\_\_\_  
Name Printed or Typed: Gracie Segovia  
Date Mailed: July 17, 2001

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368:2836-P147US


## PATENTS ONLY

OMB No. 0651-0011 (exp. 4/94)

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 1) THOMSEN, Axel; 2) DE ANGEL, Edwin 3) WU, Sherry; 4) WANG, Lei; and 5) AMAR, Aryesh  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies):  Name: CIRRUS LOGIC, INC.  Internal Address:  Street Address: 4210 South Industrial Blvd.  City: Austin State: Texas ZIP: 78744  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: 1) THOMSEN on June 27, 2001; 2) DE ANGEL on June 27, 2001; 3) WU on June 27, 2001; 4) WANG on February 21, 2001; 5) AMAR on February 21, 2001	4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of this application is:  A. Patent Application No.(s) 09/695,706 on October 25,2000   B. Patent No.(s) x Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Barry S. Newberger, Esq.  Internal Address: 5400 Renaissance Tower  Street Address: 1201 Elm Street  City: Dallas State: Texas ZIP: 75270	6. Total number of applications and patents involved: <span style="border: 1px solid black; padding: 2px;">1</span>  7. Total fee (37 CFR 3.41): .....\$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account  8. Deposit account number: 23 2426 of Winstead Sechrest & Minick L.P. (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>		
Barry S. Newberger, Esq. Name of Person Signing	 Signature	17 Jul 01 Date
Total number of pages comprising cover sheet, attachments, and document:		<span style="border: 1px solid black; padding: 2px;">7+\$40.00</span>

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

**JOINT INVENTORS TO CORPORATE ENTITY ASSIGNMENT**

WHEREAS, the undersigned,

1. Axel Thomsen, resident of 1305 W. 40<sup>th</sup> Street, Austin, Texas, USA 78756,  
County of Travis, State of Texas;
2. Edwin de Angel, resident of 5357 Austral Loop, Austin, Texas, USA 78739  
\_\_\_\_\_  
County of Travis, State of Texas;
3. Sherry Wu, resident of 2306 Wickersham Lane, #1601, Austin, Texas, USA 78741  
\_\_\_\_\_  
County of Travis, State of Texas;
4. Lei Wang, resident of 16 Burning Tree Lane, Chelmsford, MA, USA 01824,  
County of \_\_\_\_\_, State of New Hampshire;
5. Aryesh Amar, resident of 6 Autumn Leaf Drive, #12, Nashua, NH 03060,  
County of \_\_\_\_\_, State of New Hampshire;

have invented certain new and useful improvements in:

**TECHNIQUES FOR SIGNAL MEASUREMENT USING A CONDITIONALLY STABLE  
AMPLIFIER**

and have executed a declaration or oath for an application for a United States patent disclosing  
and identifying the invention:

X On the

1. 23<sup>RD</sup> day of February, 2001
2. 1<sup>ST</sup> day of March, 2001
3. 23<sup>RD</sup> day of February, 2001
4. 21<sup>ST</sup> day of February, 2001
5. 21<sup>ST</sup> day of February, 2001

respectively; or

☒ Said application having Application Number **09/695,706** and filed on the 25TH day of  
October, 2000.

WHEREAS **CIRRUS LOGIC, INC.** (hereinafter termed "Assignee"), a corporation of **Delaware**, having a place of business at **4210 S. INDUSTRIAL DRIVE, AUSTIN, TEXAS, USA 78744**, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents" applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee on the date of acknowledgment before the Notary Public as given below.

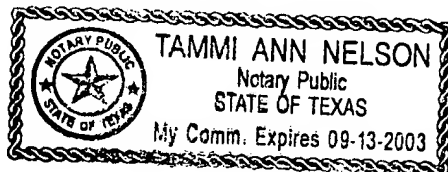
(1) *Axel Thomsen*  
AXEL THOMSEN

(1) State of TEXAS )  
County of TRAVIS )

On 6/27/01 before me, Tammi Ann Nelson, personally appeared AXEL THOMSEN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

*Tammi Ann Nelson*  
Signature



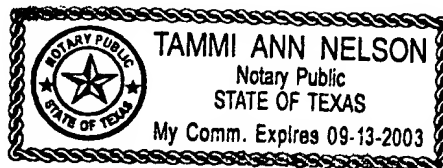
(2) *Edwin De Angel*  
EDWIN DE ANGEL

(2) State of TEXAS )  
County of TRAVIS )

On 6/27/01 before me, Tammi Ann Nelson, personally appeared EDWIN DE ANGEL, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

*Tammi Ann Nelson*  
Signature



(3)

Sherry Wu  
SHERRY WU

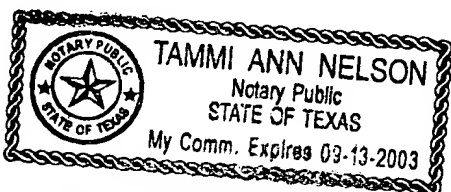
(3) State of TEXAS

County of TRAVIS

On 6/27/01 before me, Tammi Ann Nelson, personally appeared SHERRY WU, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Tammi Ann Nelson  
Signature



(4)

Lei Wang  
LEI WANG

(4) State of MASSACHUSETTS

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared LEI WANG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signature

(5)

Aryesh Amar  
ARYESH AMAR

(5) State of NEW HAMPSHIRE

County of HILLSBOROUGH

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared ARYESH AMAR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

\_\_\_\_\_  
Signatur

(3) \_\_\_\_\_  
SHERRY WU

(3) State of TEXAS )  
County of TRAVIS )

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared SHERRY WU, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal. \_\_\_\_\_  
Signature

(4) Wang Lei  
LEI WANG

(4) State of MASSACHUSETTS )  
County of MIDDLESEX )

On 2/21/2001 before me, CAROL LEE COUNCILMAN, personally appeared LEI WANG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal. Carol Lee Councilman **CAROL LEE COUNCILMAN**  
Signature NOTARY PUBLIC  
My Commission Expires December 11, 2003

(5) \_\_\_\_\_  
ARYESH AMAR

(5) State of NEW HAMPSHIRE )  
County of HILLSBOROUGH )

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared ARYESH AMAR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal. \_\_\_\_\_  
Signature

(3) \_\_\_\_\_  
SHERRY WU

(3) State of TEXAS )  
County of TRAVIS )

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared  
SHERRY WU, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized  
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted,  
executed the instrument.

WITNESS my hand and official seal. \_\_\_\_\_  
Signature

(4) \_\_\_\_\_  
LEI WANG

(4) State of MASSACHUSETTS )  
County of \_\_\_\_\_ )

On \_\_\_\_\_ before me, \_\_\_\_\_, personally appeared  
LEI WANG, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized  
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted,  
executed the instrument.

WITNESS my hand and official seal. \_\_\_\_\_  
Signature

(5) \_\_\_\_\_  
ARYESH AMAR

(5) State of NEW HAMPSHIRE )  
County of HILLSBOROUGH )

On 2/21/01 before me, Rachelle Johnson, personally appeared  
ARYESH AMAR, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose  
name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized  
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted,  
executed the instrument.

WITNESS my hand and official seal. \_\_\_\_\_  
Signature

**RACHELLE D. JOHNSON, Notary Public**  
My Commission Expires August 20, 2002



IN THE U.S. PATENT AND TRADEMARK OFFICE

Application No.: 09/695,706 File Reference: 1111-CA

Inventor/Applicant: THOMSEN Date Due: 3/21/2001

Title/Mark: TECHNIQUES FOR SIGNAL MEASUREMENT USING A  
CONDITIONALLY STABLE AMPLIFIER

**Receipt is hereby acknowledged of the following:**

CREDIT CARD AUTH FORM; FEE DETERMINATION RECORD;  
FEE TRANSMITTAL FORM; COPY OF NOTICE OF MISSING PARTS

- ☐ Patent Application (No. pgs \_\_\_\_\_) ☐ PCT  
☐ Trademark Application ☐ Intent to Use  
☐ Drawings \_\_\_\_\_ Sheets/Specimens  
☒ Declaration and Power of Attorney  
☐ Assignment w/Cover Sheet  
☐ Power of Attorney  
☐ Information Disclosure Statement w/PTO 1449  
☒ Resp. to Notice to File Missing Parts  
☐ PTO \_\_\_\_\_ Transmittal
- ☒ Petition for Extension of Time  
☐ Response/Amendment  
☐ Issue Fee Transmittal  
☐ Submission of Formal Drawings  
☐ PCT Request & Fee Sheet  
☐ PCT Chapter II Demand & Fee Sheet  
☐ PCT Response  
☐ Express Mail Certificate  
☒ Certificate of Mailing

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Date Mailed: 3/21/2001

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